

DECLARATION FOR PATENT APPLICATION

(03S1329-1)

As a below named inventor, I declare that my residence, mailing address and citizenship are as stated below above my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

LEVEL DETECTION CIRCUIT, PHASE CHANGE DETECTION CIRCUIT, AND OPTICAL DISK APPARATUS

the specification of which (check applicable box(es))

[] is attached hereto.

[] was filed on _____ as United States Application No.

or PCT International Application No.

[] and was amended on _____

I hereby state that I have reviewed and understand the contents of the aboveidentified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 35 U.S.C. 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Country	Category	Application Number	Filing Date	Priority Claim
Japan	Patent	2003-187023	June 30, 2003	Yes

And I hereby appoint Douglas B. Henderson(Reg.No.20,291), Ford F. Farabow, Jr.(Reg.No.20,630), Arthur S. Garrett(Reg.No.20,338), Donald R. Dunner(Reg.No.19,073), Brian G. Brunsvoold(Reg.No.22,593), Tipton D. Jennings, IV(Reg.No.20,645), Jerry D. Voight(Reg.No.23,020), Laurence R. Heftner(Reg.No.20,827), Kenneth E. Payne(Reg.No.23,098), Herbert H. Mintz(Reg.No.26,691), C. Larry O'Rourke(Reg.No.26,014), Albert J. Santorelli(Reg.No.22,610), Michael C. Elmer(Reg.No.25,857), Richard H. Smith(Reg.No.20,609), Stephen L. Peterson(Reg.No.26,325), John M. Romary(Reg.No.26,331), Bruce C. Zotter(Reg.No.27,680), Dennis P. O'Reilley(Reg.No.27,932), Allen M. Sokal(Reg.No.26,695), Robert D. Bajefsky(Reg.No.25,387), Richard L. Stroup(Reg.No.28,478), David W. Hill(Reg.No.28,220), Thomas L. Irving(Reg.No.28,619), Charles E. Lipsey(Reg.No.28,165), Thomas W. Winland(Reg.No.27,605), Basil J. Lewris(Reg.No.28,818), Martin I. Fuchs(Reg.No.28,508), E. Robert Yoches(Reg.No.30,120), Barry W. Graham(Reg.No.29,924), Susan Haberman Griffen(Reg.No.30,907), Richard B. Racine(Reg.No.30,415), Thomas H. Jenkins(Reg.No.30,857), Robert E. Converse, Jr.(Reg.No.27,432), Clair X. Mullen, Jr.(Reg.No.20,348), Christopher P. Foley(Reg.No.31,354), John C. Paul(Reg.No.30,413), David M. Kelly(Reg.No.30,953), Kenneth J. Meyers(Reg.No.25,146), Carol P. Einaudi(Reg.No.32,220), Walter Y. Boyd, Jr.(Reg.No.31,738), Steven M. Anzalone(Reg.No.32,095), Jean B. Fordis(Reg.No.32,984), Barbara C. McCurdy(Reg.No.32,120), James K. Hammond(Reg.No.31,964), Richard V. Burgujian(Reg.No.31,744), J. Michael Jakes(Reg.No.32,824), Thomas W. Banks(Reg.No.32,719), M. Paul Barker(Reg. No.32,013) and Charles E. Van Horn(Reg.No.40,266), each of whose address is 1300 I Street, N.W., Washington, D.C. 20005-3315, or any one of them, my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent & Trademark Office connected therewith, and request that correspondence be directed to Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, D.C. 20005-3315.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

DECLARATION FOR PATENT APPLICATION

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I declare further that my citizenship, residence and mailing address are as stated below next to my name:

[1st Inventor]

Residence Address: Kawaguchi-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Satoru Kojima

Satoru Kojima

March 20, 2004

Date: